

HB3323



99TH GENERAL ASSEMBLY

State of Illinois

2015 and 2016

HB3323

by Rep. Jay Hoffman

SYNOPSIS AS INTRODUCED:

415 ILCS 5/14.7 new
605 ILCS 5/4-106 new

Amends the Environmental Protection Act. Requires the Environmental Protection Agency to promulgate rules governing corrosion prevention projects affecting a public water supply. Amends the Illinois Highway Code. Requires the Department of Transportation to promulgate rules governing corrosion prevention projects affecting eligible bridges. Provides for consideration of industry standards and the handling of hazardous materials. Defines terms.

LRB099 11080 JLS 31477 b

FISCAL NOTE ACT
MAY APPLY

A BILL FOR

1 AN ACT concerning the environment.

2 **Be it enacted by the People of the State of Illinois,**
3 **represented in the General Assembly:**

4 Section 5. The Environmental Protection Act is amended by
5 adding Section 14.7 as follows:

6 (415 ILCS 5/14.7 new)

7 Sec. 14.7. Preservation of the public water supply
8 infrastructure.

9 (a) The Agency shall adopt rules governing all corrosion
10 prevention projects carried out on the public water supply. The
11 rules shall include:

12 (1) a process for ensuring that corrosion prevention
13 and mitigation methods are carried out according to
14 corrosion prevention industry standards adopted by the
15 Agency for the public water supply that include the use of
16 industry trained and certified:

17 (A) protective coatings personnel to carry out
18 corrosion prevention and mitigation methods on any
19 type of substrate or surface, but especially concrete
20 and steel; and

21 (B) inspectors to ensure best practices and
22 standards are adhered to on a corrosion prevention
23 project;

1 (2) a plan to prevent environmental degradation that
2 could occur as a result of carrying out corrosion
3 prevention and mitigation methods including the careful
4 handling and containment of hazardous materials,
5 especially lead paint, removed from the interior or
6 exterior of a public water supply; and

7 (3) consulting and interacting directly with, for the
8 purpose of approving industry trained and certified
9 personnel, corrosion industry experts specializing in the
10 training and certification of personnel to carry out
11 corrosion prevention and mitigation methods.

12 (b) In this Section:

13 "Corrosion" means a naturally occurring phenomenon
14 commonly defined as the deterioration of a material (usually a
15 metal) that results from a chemical or electrochemical reaction
16 with its environment.

17 "Corrosion prevention and mitigation methods" means:

18 (1) the preparation, application, installation,
19 removal, or general maintenance as necessary of a
20 protective coating system including the following:

21 (A) surface preparation and coating application on
22 the exterior or interior of the public water supply;

23 (B) removal of a lead-based or other hazardous
24 coating from the public water supply;

25 (C) shop painting of structural steel fabricated
26 for installation as part of the public water supply;

1 (D) installation of polymer coatings and
2 surfacings on concrete or other cementitious
3 substrates that are part of the public water supply;
4 and

5 (2) any other activities related to corrosion
6 prevention, such as cathodic protection, on the public
7 water supply determined by the Agency that require industry
8 trained and certified personnel to carry out.

9 "Corrosion prevention project" means carrying out
10 corrosion prevention and mitigation methods.

11 "Industry trained and certified" means documentation, as
12 recognized by the United States Department of Labor, showing
13 either:

14 (1) an individual's prior completion of, or current
15 enrollment in for at least the entire duration of a
16 corrosion prevention project on the public water supply, a
17 United States Department of Labor certified apprenticeship
18 training program that requires concurrent on-the-job
19 training and classroom instruction for an individual to be
20 considered adequately knowledgeable to carry out corrosion
21 prevention and mitigation methods; or

22 (2) an individual's receipt from a corrosion
23 prevention industry credentialing organization, whose
24 standards for corrosion prevention and mitigation methods
25 are recognized by the Agency, of confirmation that the
26 individual is adequately trained to carry out corrosion

1 prevention and mitigation methods or inspections.

2 "Public water supply" means all mains, pipes, and
3 structures through which water is obtained and distributed to
4 the public, including wells and well structures, intakes and
5 cribs, pumping stations, treatment plants, reservoirs, storage
6 tanks and appurtenances, collectively or severally, actually
7 used or intended for use for the purpose of furnishing water
8 for drinking or general domestic use in incorporated
9 municipalities, in unincorporated communities where 10 or more
10 separate lots or properties are being served or intended to be
11 served, in State owned parks and memorials, and in State owned
12 educational, charitable, or penal institutions.

13 Section 10. The Illinois Highway Code is amended by adding
14 Section 4-106 as follows:

15 (605 ILCS 5/4-106 new)

16 Sec. 4-106. Preservation of bridge infrastructure.

17 (a) The Department shall adopt rules governing all
18 corrosion prevention projects carried out on eligible bridges.

19 The rules shall include:

20 (1) a process for ensuring that corrosion prevention
21 and mitigation methods are carried out according to
22 corrosion prevention industry standards adopted by the
23 Department for eligible bridges that include the use of
24 industry trained and certified:

1 (A) protective coatings personnel to carry out
2 corrosion prevention and mitigation methods on any
3 type of substrate or surface, but especially concrete
4 and steel; and

5 (B) inspectors to ensure best practices and
6 standards are adhered to on a corrosion prevention
7 project;

8 (2) a plan to prevent environmental degradation that
9 could occur as a result of carrying out corrosion
10 prevention and mitigation methods including the careful
11 handling and containment of hazardous materials,
12 especially lead paint; and

13 (3) consulting and interacting directly with, for the
14 purpose of approving industry trained and certified
15 personnel, corrosion industry experts specializing in the
16 training and certification of personnel to carry out
17 corrosion prevention and mitigation methods.

18 (b) In this Section:

19 "Corrosion" means a naturally occurring phenomenon
20 commonly defined as the deterioration of a material (usually a
21 metal) that results from a chemical or electrochemical reaction
22 with its environment.

23 "Corrosion prevention and mitigation methods" means:

24 (1) the preparation, application, installation,
25 removal, or general maintenance as necessary of a
26 protective coating system including the following:

1 (A) surface preparation and coating application on
2 an eligible bridge;

3 (B) removal of a lead-based or other hazardous
4 coating from an eligible bridge;

5 (C) shop painting of structural steel fabricated
6 for installation as part of an eligible bridge; and

7 (2) any other activities related to corrosion
8 prevention, such as cathodic protection, on eligible
9 bridges determined by the Department that require industry
10 trained and certified personnel to carry out.

11 "Corrosion prevention project" means carrying out
12 corrosion prevention and mitigation methods during
13 construction, alteration, maintenance, repair work, or at any
14 other time necessary on an eligible bridge.

15 "Eligible bridge" means a bridge or overpass the
16 construction, alteration, maintenance, or repair work on which
17 is funded, directly or indirectly, by a municipality, a
18 public-private partnership, the State, the federal government,
19 or some combination thereof.

20 "Industry trained and certified" means documentation, as
21 recognized by the United States Department of Labor, showing
22 either:

23 (1) an individual's prior completion of, or current
24 enrollment in for at least the entire duration of a
25 corrosion prevention project on an eligible bridge, a
26 United States Department of Labor certified apprenticeship

1 training program that requires concurrent on-the-job
2 training and classroom instruction for an individual to be
3 considered adequately knowledgeable to carry out corrosion
4 prevention and mitigation methods; or

5 (2) an individual's receipt from a corrosion
6 prevention industry credentialing organization, whose
7 standards for corrosion prevention and mitigation methods
8 are recognized by the Department, of confirmation that the
9 individual is adequately trained to carry out corrosion
10 prevention and mitigation methods or inspections.